## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003629

A. CLASSIFICATION OF SUBJECT MA Int.Cl <sup>7</sup> F16D48/02, F16	TTER 5H57/02, 61/00	•		
According to International Patent Classificat	ion (IPC) or to both nationa	al classification and IPC		
B. FIELDS SEARCHED				
Minimum documentation searched (classification in the control of t	ntion system followed by cl 5H57/02, 61/00	assification symbols)		
Documentation searched other than minimum Jitsuyo Shinan Koho Kokai Jitsuyo Shinan Koho Electronic data base consulted during the into	1922-1996 Ji 1971-2005 To	tsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005 1994-2005	
		and base and, where practicable, scarch d	ernis used)	
C. DOCUMENTS CONSIDERED TO BE	RELEVANT			
		proprinte, of the relevant passages	Relevant to claim No.	
Y JP 2003-94970 Ltd.), 03 April, 2003 Full text; all & US 2003/0075	(03.04.03), drawings	yukoki Mfg. Co., 1295750 A2	1-4	
	(Aisin AW Co., 989 (18.12.89), 1, 2		1-4	
	(Kubota Corp.), 996 (27.02.96), ]; Fig. 1		1-4	
X Further documents are listed in the con	tinuation of Box C.	See patent family annex.		
* Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance  "E" artier application or patent but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.  "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone.  "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family.		
Date of the actual completion of the international search 17 May, 2005 (17.05.05)		Date of mailing of the international search report 31 May, 2005 (31.05.05)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Facsimile No. Telephone No. orm PCT/ISA/210 (second sheet) (January 2004)				

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/003629

		PCT/JP2	005/003629
(Continuation	). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevan	nt passages	Relevant to claim No
Y	JP 6-147313 A (Kanzaki Kokyukoki Mfg. Co. Ltd.), 27 May, 1994 (27.05.94), Par. Nos. [0010], [0011]; Figs. 1, 4, 5 (Family: none)	,	3
Y	JP 11-82660 A (Honda Motor Co., Ltd.), 26 March, 1999 (26.03.99), Claim 6; Fig. 8: (Family: none)		4
Y A	JP 8-156620 A (Kanzaki Kokyukoki Mfg. Co. Ltd.), 18 June, 1996 (18.06.96), Par. Nos. [0022] to [0025]; Fig. 6 & US 5599247 A	.,	5,6 7-9
A	JP 8-2267 A (Kanzaki Kokyukoki Mfg. Co., Ltd.), 09 January, 1996 (09.01.96), Full text; all drawings & US 5599247 A & DE 19519227 A & FR 2721263 A		5-9
A	JP 11-291777 A (Kanzaki Kokyukoki Mfg. Co Ltd.), 26 October, 1999 (26.10.99), Full text; all drawings (Family: none)	o.,	5-9

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003629

Box No. 11 Observations where certain claims were found unscarchable (Continuation of item 2 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:  Claims Nos.:  because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.:  because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.:  because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:  The inventions of claims 1-4 relate to "a hydraulic valve device for a PTO clutch."  The inventions of claims 5-9 relate to "a hydraulic valve device for an advance/reverse switching device."
<ol> <li>As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.</li> <li>As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.</li> <li>As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:</li> </ol>
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.